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(54) Title: TRANSPARENT CONDUCTIVE OXIDE FILMS HAVING ENHANCED ELECTRON CONCENTRATION/MOBILITY AND METHOD OF MAKING SAME

(57) Abstract: A variety of new n-type TCO films including films with dopants having ionic sizes that approximate those of the metal oxide host material, films with stabilized rutile MO_2 , and films with A_xMO_y . The films are deposited by APCVD.